

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/562,840
Source: JF-WP
Date Processed by STIC: 01/12/2008

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/562,840

CRF Edit Date: 01/12/2005
Edited by: DA

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

/ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 01/12/2006

PATENT APPLICATION: US/10/562,840

TIME: 11:23:28

Input Set : A:\pto.da.TXT

Output Set: N:\CRF4\01122006\J562840.raw

```

4 <110> APPLICANT: Dressman, Devin
5     Yan, Hai
6     Kinzler, Kenneth
7     Vogelstein, Bert
9 <120> TITLE OF INVENTION: Methods and compositions for detection
10    and enumeration of genetic variations
13 <130> FILE REFERENCE: 001107.00478
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/562,840
C--> 15 <141> CURRENT FILING DATE: 2005-12-29
15 <150> PRIOR APPLICATION NUMBER: 60/485,301
16 <151> PRIOR FILING DATE: 2003-07-05
18 <150> PRIOR APPLICATION NUMBER: 60/525,859
19 <151> PRIOR FILING DATE: 2003-12-01
21 <160> NUMBER OF SEQ ID NOS: 17
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 20
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 ctttgtaact aactgttttaa                                20
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 16
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 2
39 ctttgtaact gtttaa                                      16
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 40
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: probe
49 <400> SEQUENCE: 3
50 tactatgtat ttatagttaa gacctctatg aatgaatgta          40
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 26
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: probe
61 <400> SEQUENCE: 4
62 cgттаagacc tctatgaatg aatgta                          26

```

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Input Set : A:\pto.da.TXT

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```

64 <210> SEQ ID NO: 5
65 <211> LENGTH: 22
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: probe
72 <400> SEQUENCE: 5
73 gaaaggtaag tacagggaaa gg                22
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 40
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: probe
83 <400> SEQUENCE: 6
84 cacgcagatt gaattaaaca gttagttaca aagacacgtg        40
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 36
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: probe
94 <400> SEQUENCE: 7
95 cacgcagatt gaattaaaca gttacaaaga cacgtg            36
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 47
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: probe
105 <400> SEQUENCE: 8
106 aggtcccaga ggggtggaagg agccaggacg cacccccact gctgctg        47
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 19
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: probe
118 <400> SEQUENCE: 9
119 aggtcccaga ggggtggaag                19
121 <210> SEQ ID NO: 10
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: probe
129 <400> SEQUENCE: 10
130 ttgcgatggt cactgtgaag                20
132 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING

DATE: 01/12/2006

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TIME: 11:23:28

Input Set : A:\pto.da.TXT

Output Set: N:\CRF4\01122006\J562840.raw

```

133 <211> LENGTH: 26
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: probe
140 <400> SEQUENCE: 11
141 cacggtagggt gcttgcaggc agcgtg 26
143 <210> SEQ ID NO: 12
144 <211> LENGTH: 26
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: probe
151 <400> SEQUENCE: 12
152 cacggtagggt gcccgaggc agcgtg 26
154 <210> SEQ ID NO: 13
155 <211> LENGTH: 41
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: probe
162 <400> SEQUENCE: 13
163 ttcgtccaca aaatgattct gaattagctg tatcgtaag g 41
165 <210> SEQ ID NO: 14
166 <211> LENGTH: 21
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: probe
175 <400> SEQUENCE: 14
176 agaatgggtcc tgcaccagta a 21
178 <210> SEQ ID NO: 15
179 <211> LENGTH: 26
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: probe
186 <400> SEQUENCE: 15
187 catgttctaa tatagtcaca ttttca 26
189 <210> SEQ ID NO: 16
190 <211> LENGTH: 24
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: probe
197 <400> SEQUENCE: 16
198 cacgggagct ggtggcgtag cgtg 24
200 <210> SEQ ID NO: 17
201 <211> LENGTH: 26

```

RAW SEQUENCE LISTING

DATE: 01/12/2006

PATENT APPLICATION: US/10/562,840

TIME: 11:23:28

Input Set : A:\pto.da.TXT

Output Set: N:\CRF4\01122006\J562840.raw

202 <212> TYPE: DNA

203 <213> ORGANISM: Artificial Sequence

205 <220> FEATURE:

206 <223> OTHER INFORMATION: probe

208 <400> SEQUENCE: 17

209 ccacgggagc tgatggcgta gcgtgg

26

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,840

DATE: 01/12/2006

TIME: 11:23:29

Input Set : A:\pto.da.TXT

Output Set: N:\CRF4\01122006\J562840.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWP

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/562,840

TIME: 08:51:33

Input Set : A:\707744_1.txt.TXT

Output Set: N:\CRF4\01102006\J562840.raw

4 <110> APPLICANT: Dressman, Devin
 5 Yan, Hai
 6 Kinzler, Kenneth
 7 Vogelstein, Bert
 9 <120> TITLE OF INVENTION: Methods and compositions for detection
 10 and enumeration of genetic variations
 13 <130> FILE REFERENCE: 001107.00478
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/562,840
 C--> 15 <141> CURRENT FILING DATE: 2005-12-29
 15 <150> PRIOR APPLICATION NUMBER: 60/485,301
 16 <151> PRIOR FILING DATE: 2003-07-05
 18 <150> PRIOR APPLICATION NUMBER: 60/525,859
 19 <151> PRIOR FILING DATE: 2003-12-01
 21 <160> NUMBER OF SEQ ID NOS: 17
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply
Corrected Diskette Needed

(pg-1)

ERRORED SEQUENCES

200 <210> SEQ ID NO: 17
 201 <211> LENGTH: 26
 202 <212> TYPE: DNA
 203 <213> ORGANISM: Artificial Sequence
 205 <220> FEATURE:
 206 <223> OTHER INFORMATION: probe
 208 <400> SEQUENCE: 17
 209 ccacggggagc tgatggcgta gcgtgg
 E--> 213 4

26

deleted

VERIFICATION SUMMARY

DATE: 01/10/2006

PATENT APPLICATION: US/10/562,840

TIME: 08:51:34

Input Set : A:\707744_1.txt.TXT

Output Set: N:\CRF4\01102006\J562840.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:213 M:254 E: No. of Bases conflict, this line has no nucleotides.